

CLAIMS

1. An apparatus mounted on a flat bed trailer chassis for supporting upright building structures during shipment on a public highway, the apparatus comprising:

a pair of opposed A-frames positioned uprightly on the flat bed trailer chassis;

a pair of downwardly descending side legs on each side of the A-frame, the side legs descending partially below a top surface of the flat bed chassis and outboard of a right and left side surface of the flat bed chassis;

the side legs of each A-frame supported by an axially mounted beam attached to an undercarriage of the flat bed chassis, a portion of the beam extending outwardly from the undercarriage of the flat bed chassis and from the right and left side of the flat bed chassis, the beam portion extending outwardly being angled upwardly to support a bottom edge of the building structure with a top portion of the building structure juxtaposed to the side legs on one side of the A-frames.

2. An apparatus according to claim 1 wherein a second pair of A-frames is positioned uprightly on the flat bed chassis.

3. An apparatus according to claim 2 wherein the flat bed chassis on which the A-frames are mounted is expandable.

4. An apparatus according to claim 1 wherein the axially

mounted beam has a base component welded to a bottom surface of an intermediate component which in turn is welded to an undercarriage of the chassis along a top surface.

5. An apparatus according to claim 1 wherein the A-frames each have a top horizontal connecting member and a lower horizontal connecting member connecting the pair of downwardly descending side legs.
6. An apparatus according to claim 5 wherein a strut connects the lower horizontal connecting member to the top surface of the flat bed chassis.
7. An apparatus according to claim 1 wherein a strut connects the axially mounted beam to an undercarriage of the flat bed chassis.
8. An apparatus according to claim 1 wherein the building structure is a concrete slab.
9. An apparatus according to claim 1 wherein the building structure is a steel slab.
10. An improved apparatus for transporting building structures on a public highway on a pair of opposed A-frames positioned uprightly on a flat bed trailer chassis, the improvement comprising:

a pair of downwardly descending side legs on each side of the A-frame, descending partially below a top surface of the trailer chassis and outboard of a right and

left side surface of the trailer chassis;

the side legs of each A-frame supported by an axially mounted beam attached to an undercarriage of the flat bed chassis, a portion of the beam extending outwardly from the undercarriage of the flat bed chassis and from the right and left side of the flat bed chassis; and

the portion of the beam extending outwardly being angled upwardly to support a bottom edge of the building structure, with a top portion of the building structure juxtaposed to the side legs on one side of the A-frames.

11. The improved apparatus according to claim 10 wherein the beam portion extending outwardly is angled upwardly at an angle of about ten degrees.
12. The improved apparatus according to claim 10 wherein the beam portion extending outwardly has a top surface covered with a rubber pad.
13. The improved apparatus according to claim 10 wherein the axially mounted beam has a base component welded at a top surface to a bottom surface of an intermediate component, a top surface of the intermediate component welded to the undercarriage of the flat bed chassis.
14. The improved apparatus according to claim 10 wherein a strut connects the axially mounted beam to an undercarriage of the flat bed chassis.

15. The improved apparatus according to claim 10 wherein the building structure is a concrete slab.

16. An apparatus mounted on a flat bed trailer chassis for supporting upright building structures during shipment on a public highway, the apparatus comprising:

a pair of opposed A-frames positioned uprightly on the flat bed trailer chassis;

a pair of downwardly descending side legs on each side of the A-frame the side legs descending partially below a top surface of the flat bed chassis and outboard of a right and left side surface of the flat bed trailer chassis;

a top horizontal member and a lower intermediate horizontal member connecting each pair of side legs above the top surface of the flat bed trailer chassis;

a strut connecting the intermediate horizontal member to the top surface of the flat bed trailer chassis;

the side legs of each A-frame supported by an axially mounted beam attached to an undercarriage of the flat bed trailer chassis, a portion of the beam extending outwardly from the undercarriage of the flat bed trailer chassis and from the right and left side of the flat bed trailer chassis, the beam portion extending outwardly being angled upwardly to support a bottom edge of the building

structure with a top portion of the building structure juxtaposed to the side legs on one side of the A-frames; and

the beam further connected to the undercarriage of the flat bed trailer chassis by a strut.

17. The apparatus according to claim 16 wherein the beam portion extending outwardly is angled upwardly at an angle of about ten degrees.

18. The apparatus according to claim 16 wherein the beam portion extending outwardly is covered with a rubber mat.

19. The apparatus according to claim 16 wherein the building structure is a cement slab.

20. The apparatus according to claim 16 wherein there are two pair of opposed A-frames positioned uprightly on the flat bed trailer chassis.